

IN THE SPECIFICATION:

Please amend the specification as follows:

Please replace the first paragraph beginning at page 8, line 1 and ending at page 8, line 8 with the following paragraph:

~~FIG. 5 is~~ FIGS. 5A and 5B are a schematic diagram of the receiver shown in FIG. 3;
FIG. 6 is a timing diagram of signals generated by a portion of the transmitter;
FIGS. 7A, B, and C are flow diagrams showing the operation of the transmitter; and
FIGS. 8A, B, C, D, E, and F are flow charts showing the operation of the receiver.

Please replace the paragraph beginning at page 9, line 1 and ending at page 9, line 28 with the following paragraph:

microcontroller to a radio frequency oscillator 82. The microcontroller 78 produces coded signals when the button 72 is pushed causing the output of the RF oscillator 82 to be amplitude modulated to supply a radio frequency signal at an antenna 83 connected thereto. More specifically, as shown in FIG. 4 ~~[[5]]~~, details of the transmitter 30 are shown therein, including a plurality of switches 72. When switch 72 is closed, power is supplied through a diode 100 to a capacitor 102 to supply a 7.1 volt voltage at a lead 103 connected thereto. A light emitting diode 104 indicates that the transmitter button has been pushed and provides a voltage to a lead 105 connected thereto. A Zener diode 106 provides voltage regulation and causes the back biased diode 107 to cause the crystal 108 to be energized, thereby energizing the microcontroller 78, a Zilog 125C0113 8-bit microcontroller in this embodiment. The signal is also sent via a resistor 110 through a lead 111 to a P32 pin of the microcontroller 78. Likewise, when a switch 113 is closed, current is fed through a diode 114 to the lead 103 also causing the crystal 108 to be energized, powering up the microcontroller at the same time that pin P33 of the microcontroller is pulled up. Similarly, when a switch 118 is closed, power is fed through a diode 119 to the crystal 108 as well as pull up voltage being provided through a

resistor 120 to the pin P31. It should also be appreciated that pin P34 of the microcontroller is configured via a connection with the resistor 123 to be an RS232 input port 124.

Please replace the paragraph beginning at page 10, line 32 and ending at page 10, line 36 with the following paragraph:

Referring now to ~~FIG. 3~~ FIGS. 5A and 5B the antenna 200 coupled to a reactive divider network 250 comprised of a pair of series connected inductances 252 and 254 and capacitors 256 and 258 which supply an RF signal to a buffer amplifier having an NPN transistor 260, at its emitter 261. The NPN

Please replace the paragraph beginning at page 13, line 1 and ending at page 13, line 33 with the following paragraph:

In a step 510, the next highest power of 3 is subtracted from the rolling code and a test is made in a step 512 to determine if the result is ~~equal to~~ greater than zero. If it is, the next most significant digit of the binary rolling code is incremented in a step 514, following which flow is returned to the step 510. If the result is not greater than 0, the next highest power of 3 is added to the rolling code in the step 516. In the step 518, another highest power of 3 is incremented and in a step 520, a test is determined as to whether the rolling code is completed. If it is not, control is transferred back to step 510. If it has, control is transferred to step 522 to clear the bit counter. In a step 524, the blank timer is tested to determine whether it is active or not. If it is ~~[[not]]~~, a test is made in a step 526 to determine whether the blank time has expired. If the blank time has not expired, control is transferred to a step 528 in which the bit counter is incremented, following which control is transferred back to the decision step 524. If the blank time has expired as measured in decision step 526, the blank timer is stopped in a step 530 and the bit counter is incremented in a step 532. The bit counter is then tested for odd or even in a step 534. If the bit counter is not even, control is transferred to a step 536 where the output bit of the bit counter divided by 2 is fixed. If the

bit counter is even, the output bit counter divided by 2 is rolling in a step 538. The bit counter is tested to determine whether it is set to equal to 80 in a step 540. If it is, the blank timer is started in a step 542. If it is not, the bit counter is tested for whether it is equal to 40 in a step 544. If it is, the blank timer is tested and is started in a step 546 ~~544~~. If the bit counter is not equal to 40, control is transferred back to step 522.